



Two-Variables Linear Equations ($ax+by=c$)

Name: _____

Date: _____ Score: _____

1. $4x - 2y = 26$
 $6x - 2y = 44$

2. $5x + 8y = 65$
 $3x - 4y = -5$

3. $7x + 2y = 74$
 $4x + 5y = 77$

4. $5x + 8y = 107$
 $2x + 2y = 32$

5. $5x + 6y = 45$
 $6x - 3y = 3$

6. $2x - 3y = -17$
 $6x + 2y = 48$

7. $4x + 8y = 36$
 $3x + 8y = 35$

8. $2x - 4y = -34$
 $5x - 5y = -40$



Name: _____

Date: _____ Score: _____

1. $4x - 2y = 26$

$6x - 2y = 44$

$x = 9$

$y = 5$

2. $5x + 8y = 65$

$3x - 4y = -5$

$x = 5$

$y = 5$

3. $7x + 2y = 74$

$4x + 5y = 77$

$x = 8$

$y = 9$

4. $5x + 8y = 107$

$2x + 2y = 32$

$x = 7$

$y = 9$

5. $5x + 6y = 45$

$6x - 3y = 3$

$x = 3$

$y = 5$

6. $2x - 3y = -17$

$6x + 2y = 48$

$x = 5$

$y = 9$

7. $4x + 8y = 36$

$3x + 8y = 35$

$x = 1$

$y = 4$

8. $2x - 4y = -34$

$5x - 5y = -40$

$x = 1$

$y = 9$